LISTING OF CLAIMS

The following listing of claims will replace all prior versions, and listings of claims in the application:

1-3. **(Cancelled).**

4. **(Currently amended)** A method of detecting Pin1 protein in a cell sample, comprising contacting a cell sample with ~~a binding reagent to~~ an antibody that selectively binds to a Pin1 protein having the amino acid sequence as set forth in SEQ ID NO: 2, and determining ~~specific binding of said binding reagent to a polypeptide or nucleic acid within~~whether said antibody binds to said cell sample, wherein ~~specific binding of said binding reagent~~binding of said antibody to said cell sample is indicative of the presence of Pin1 protein in said cell sample.

5-8. **(Cancelled).**

9. **(Currently amended)** The method of claim 4, wherein said cell sample comprises a cell, tissue, biological fluid or component thereof suspected of containing a Pin1 ~~antigen or encoding nucleic acid~~protein.

10. **(Previously presented)** The method of claim 4, whercin said cell sample comprises a human cell sample.

11. **(Previously presented)** The method of claim 10, wherein said cell sample comprises a hyperproliferative cell.

12. **(Previously presented)** The method of claim 11, wherein said hyperproliferative cell is from a cancer.

13. **(Previously presented)** The method of claim 12, wherein said cancer is selected from the group consisting of lung cancer, breast cancer, lymphoid cancer, cancer of the

gastrointestinal, genito-urinary tract, adenocarcinoma, colon cancer, renal-cell carcinoma, prostate cancer, leukemia, non-small cell carcinoma of the lung, cancer of the small intestine, and cancer of the esophagus.

14-33. **(Cancelled)**.

34. **(Currently amended)** The method of claim 11, further comprising detecting a difference in ~~an~~ the amount of specific binding of said ~~Pin1 binding reagent within~~antibody to said hyperproliferative cell sample as compared to an amount of specific binding of said Pin1 ~~binding reagent to a polypeptide or nucleic acid within~~antibody to a normal cell sample.